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PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-077859

(43)Date of publication of application: 23.03.2001

(51)Int.Cl. H04L 12/56 H04B 7/26 H04L 12/18

H04L 12/66

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(30)Priority

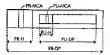
Priority number: 99 99401864 Priority date: 22.07.1999 Priority country: EP

(54) METHOD FOR MULTI-CASTING DATA PACKET TO MOBILE STATION, GATEWAY NODE RELATING THERETO, SERVICE NODE AND ROUTING NODE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method for transferring a public data packet to a plurality of mobile stations via public data packet network and a mobile data packet network from a caller terminal.

SOLUTION: A public data packet (PU-DP) is multicast by using a public multicast address (PU-MCA) via a public data packet network. The public data packet (PU-DP) is multicast by using a private multicast address (PR-MCA) in an overhead part (PR-H) of a private data packet (PR-DP) resulting from tunneling the public data packet (PU-DP) via a mobile data packet network.



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[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than

the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]